Video Intercom System

General Catalogue

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INDEX

Product showcase

New product design concept

Front door is the gateway between two worlds, it is what separates and protects your own living space.

The new concept of design from V-TECH now creates new possibilities of communication between the two worlds - comprehensive comfort with greater safety along with stylistically suitable design which is much easier to use.

The system harmoniously adapts to the architecture outdoors and indoors.

T39 Series
3.9 inch Indoor Monitor

3.9 inch digital color TFT hand-free monitor

This is a indoor monitor comes with 3.9 inch color TFT with high resolution display (800*480). It represents a new concept of user-system that emphasizes simplicity and easy access to the various functions.

Features

- 3.9 inch TFT with high resolution(800*480 pixel)
- Touch sensor button and mechanical button
- Soft LED backlit
- Navigation keyboard
- 12pcs 8-chord melodies for choose freely
- Language customized

High Resolution Display

- 800x480 pixel
- Equals 7" digital TFT
- Perfect image quanlity

Better user experience

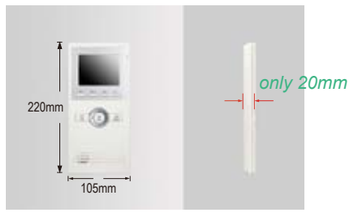
- Easy operation unlock button
- Convenient talk button
- Multi indicators

Rich functionality

- True color menu
- Navigation keyboard

T16 Series
3.5 inch Indoor Monitor

Super slim&thin design



The most special feature for T16 series monitors is the slim and supper thin design.the panel dimension is just 220*105mm,and the thin is only 20mm,it is the better solution for your better life.Furthermore,the operation is more convenient with the 4-direction button.

High resolution display

Just with 3.5" screen,but the image displayed is very clear because of the digital LCD screen,so you shouldn't worry about this problem.

Wall&desktop installation

T24 Series
4 inch Indoor Monitor

Optional Handset

Optional handset device gives you one more choice for handset or hands free answering.

Touch sensor button

Touch sensor button with white backlight LED makes the indoor monitor more fashional and beautiful.

Color Icon Interface

The color interface offers end user a friendly operation platform.

Other features

Built-in power supply (optional)
External memory (optional)

T27 Series
7 inch Indoor monitor

7 inch digital color TFT hand-free monitor

This hands-free indoor monitor comes with 7 inch color monitor. The LCD TFT monitor ensures quality chromatic performance under the color UI icon menu and the high-fidelity audio guarantees great acoustic performance in hand-free.

Features

- 7 inch digital TFT screen
- Slim design with touch sensor button
- Touch screen operation
- 12pcs 8-chord melodies for choosing freely
- Three color styles of housing for choice
- *1 Picture sharing
- *1 Album display (digital photo frame)
- *1 Text menu or color icon menu(SD card upgrade)
- *1 Inner 128MB flash memory plus extended
- Max.16G SD card external picture recording(optional)
- *1 Support VT-QSW Video quad splitter
- (*1 means that it depends on the model)

High Resolution Display

- 7 inch digital TFT
- 800x480 pixel
- Color icon/text menu

Touch Operation

- Touch screen
- Touch sensor button
- Working status illuminator

Slim design

- 125x225x28mm
- White or black housing
- Surface wall mounting

T37 Series
7 inch Indoor Monitor

7 inch digital color TFT hand-free monitor

It comes with 7 inch color LCD TFT monitor ensures quality chromatic performance under the color simple UI icon menu and much easier to operate under this UI icon, the high-fidelity audio guarantees great acoustic performance.

Features

- 7 inch digital TFT
- Supper thin pad-design (15mm)thickness with touch sensor button
- Touch screen operation
- Soft LED backlight
- Video memory share via SC6V
- Color icon menu
- 12pcs 8-chord melodies for choosing freely
- Magnetic bracket for installation
- Language & Icon customized

High Resolution Display

- 7 inch digital TFT
- 800x480 pixel
- Touch screen operation

Colorful LED Indicator

- Working status illuminator
- Colorful backlight
- Touch sensor button

Super Thin Pad-design

- 15mm thickness only
- White housing with pad style
- Surface wall mounting

T47 Series
7 inch Indoor Monitor

7 inch digital color TFT hand-free monitor

Welcome to free kingdom of innovation and safety. It makes it easier for residents and visitors to gain safe access through comfort and functional design,which is reduced to the essentials by means of intuitive operability and style which can be integrated into all surroundings.

Features

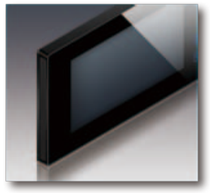
- 7 inch digital TFT
- Color icon menu
- Shocking full black housing with touch sensor button
- Ultra-flat surface&super thin design
- Capacitive touch screen with high resolution
- 12pcs 8-chord melodies for choosing freely
- *1 Language & Icon customized
- *1 Memory share via SC6M
- (*1 means that it depends on the model)

High Resolution Display

- 7 inch digital TFT
- 800x480 pixel
- Color icon menu display

Capacitive Touch Screen

- Tempered glass panel
- Multi-touch operation
- Touch sensor button



Super Thin Design

- 18mm thickness only
- Shocking black housing
- Surface wall mounting

T601 Series
Door Station

Surface mounted entry panel

This is the updated monolithic color video entry panel with wide visual angle camera. Much better for the waterproof. And With high protection against unauthorised access.

Features

- Full stainless steel design with vandal proof function
- 4mm plexiglass cover for protecting
- Keypad password or proximity access control
- Surface mounting
- Infra-red led for night view
- IP65 protection rate

Wide angle and dynamic camera

- 105^0 dynamic rage
- Clearly to see the visitor under the backlight

Excellent water proof

- Perfectly water proof design(IP65)

Colorful backlit

- Via different backlits to point out the state of door

T597 Series
Door Station

Surface&flush mounted entry panel

Wide visual angle camera panel and safety for installation, based on its soft lines and elegant brushed stainless steel finish. What's more,it can be fitted for the salty surroundings with anti-rust medical S316 panel.

Features

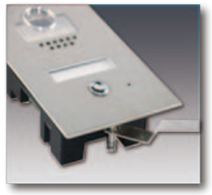
- Anti-rust medical S316 stainless steel design
- High resolution wide-angle ARS-105° camera
- Adjustable visual angle to view larger area
- Hidden high white led light for night view
- Name plate display with colorful light
- Excellent water proof performance(IP55)

High Resolution Camera

- 420TVL image quality
- 105^0 wide-angle visual
- Optical glass lens

Ingenious LED Illumination

- Nameplate with backlight
- Metal call button
- Conversation indicator



Safety & Elegance

- Stainless steel panel
- IP55 waterproof
- Flush mounting or surface mounting

T595 Series
Door Station

Surface&flush mounted entry panel

If you want audio entry panel only,the panel could offer a choice for you,certainly.Of course,it also has wide angle camera,and its high quality resolution will satisfy your video requirements.

Features

- Zinc alloy elegant housing with compact design
- Surface mounting with rain cover
- Outstanding audio performance
- Comfortable call button
- Angle bracket installation if needed
- Excellent water proof performance(IP55)
- *1 Color ARS Camera with high resolution
- *1 Wide angle camera with 105 degree
- (*1 means that it depends on the model)

Full Zinc Alloy Casting

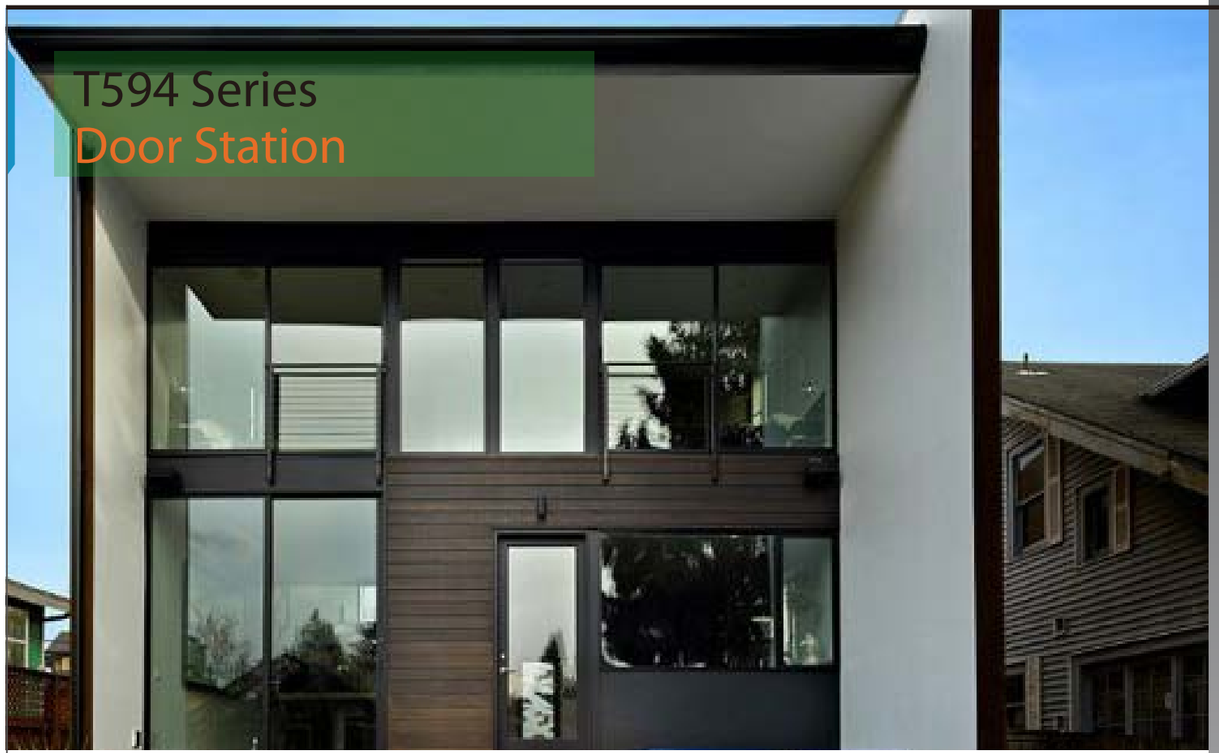
- Compact Zinc alloy design
- Vandalism and cauterization

Waterproof & Dustproof

- IP55 rate design
- Excellent performance

Security & Protection

- Anti-theft screw mounting
- 30° angle bracket for option



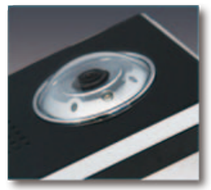
T594 Series
Door Station

Surface mounted entry panel

It is the new monolithic color video entry panel with wide visual angle camera. It will blend perfectly into any setting, thanks to its soft lines and plexiglass panel. It can be fitted with single or double touch sensor buttons for single-family or two-family systems.

Features

- Plexiglass housing
- High resolution 105 degrees camera
- Adjustable visual angle
- Touch sensor call button
- Anti-heat & anti-corrosion
- Compatible with two families mode
- Strong water proof performance
- Large name plate display



High Resolution Camera

- Curved design
- 105^0 wide angle for view
- Night view LED indicator

2 Call Buttons Optional

- Touch sensor button
- Control 2 locks available
- Large name plate display

PMMA Housing Design

- Smooth black panel
- Anti-heat & anti-corrosion
- Surface wall mounting

T591 Series
Door Station

Surface mounted entry panel

Surface mounted entry panel

The clasic zinc alloy die-casting panel with high performance,more convenient for you to control 2 doors,more securing you get at your life.

2 locks controlled

The T591 model allows two locks to control the gate,and the door is convenient for you to control 2 outdoor,it makes your life more securitive and more comfortable.

Two family mode

2 call button style for a common entry desire.

Night vision LED

With night vision LED,the image can be seen clearly even at night or in dark environment.

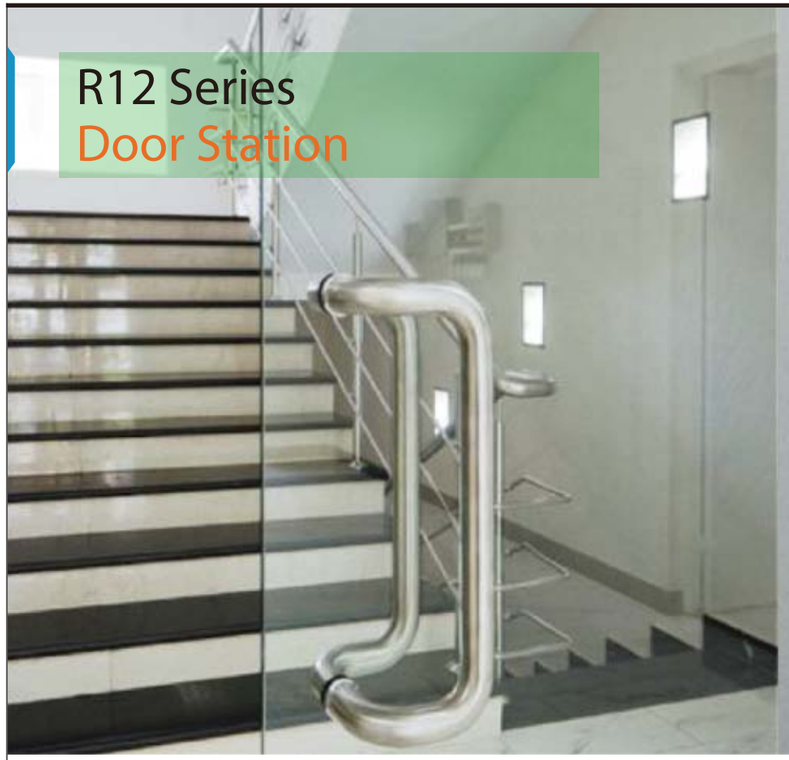
Camera adjusted

The module allows you to adjust the angle flexible by yourself.in order that you can surveilance different angle view condiction.

Surface mounted

Its flat design makes it possible to install without cutting into the wall. The main advantages of the unit include easy installation, state of art functions and a modern design.

R12 Series
Door Station



Selective Styles

DMR12/ID/S4

DMR12/S8

EP12/S12

DMR12/ID/D8

DMR12/D16

EP12/D24

R11 Series
Door Station

Selective Styles

DMR11/S4

DMR11/ID/S4

EP11/S12

DMR11/D8

DMR11/ID/D8

EP11/D24

R18 Series
Door Station

Simple to Use

Just use your finger to input dial number you want by digital keypad.The calling will be activated immediately.

Access Card Reader

Built-in access controller works independently with highly reliable FRAM memory.
Three types of cards are supported: User card, Master card and manage card.Card management through local keypad or remote IP-800 software, and easily synchronized.

Easy Setup

With the LCD screen,programming will be guided by means of wizard, texts guid for each step .

Advanced Debug Tools

The debug tools will greatly helps in system installation and maintaining
By running the On-line Search function, you can get the status of every single monitor of the system.

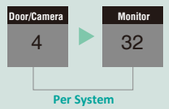
IP Communication

Communication over IP is provided by the TCP/IP protocol.Video and voice is transmitted via LAN/WAN.

2 Wire System Description

The 2 WIRE SYSTEM is the best technology for those cases when TIME SAVING and EASY INSTALLATION are crucial. Thanks to the non polarized 2 wire system, it is in fact possible to install, with the same ease, all kinds of systems, from those for single villas to those for apartment complexes.

- Max. 32 Monitors in a system
- Max. 4 Door Stations
- Max. 6 CCTV cameras



System Application

VILLA GROUPED COMPOUND SMALL APARTMENT

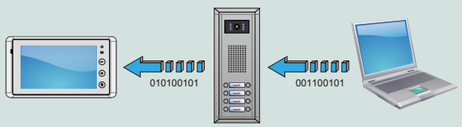
System Advantage

Easy to Update Interface

Use simulator to edit and export Config data to SD card,insert SD card to the monitor to update UI data (depends on model).

Advanced Data Managing

The data such as screen logo, user namelist, can be uploaded from PC to doorstation, and doorstation will send data to monitor automatically.

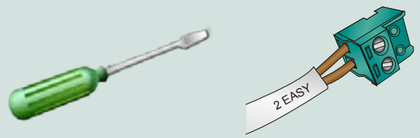


DIP Switchs Setting

Use DIP switchs to set the monitor address, other settings will be finished easily on the screen.

Plug-In Connector

With the Plug-In connector, you can set up the system fast and funny!



2Easy Integrated Functions

INTERCOM

- Up to four monitors per apartment with inner call
- Point to point for users with namelist dialing
- Shared video recording memory to get high value in minimum cost

ACCESS CONTROL

- Keypad or RFID card access is available
- Most Door Stations support 2nd Lock directly
- Support timed unlock using inner powered or Dry-contact
- Additional relay actuator for heavy load locks

IP NETWORK

- IP network makes standalone 2-wire systems working together, for complex residential blocks
- Users can call Guard Station at any time

VIDEO SURVEILLANCE

- Analog cameras can be connect into system by means of DT-DCU
- 2-wire cameras (DT-CAM) can be connected to DT-SC6V directly
- Camera views can be recorded as well as Door stations

GSM/TELEPHONE GATEWAY

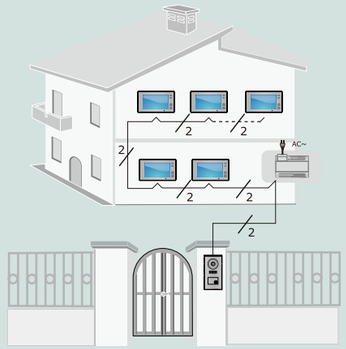
- Answer the call and open the door from remote telephone or mobile phone
- Gateway for analogue telephone line by means of DT-TPC or DT-TPS
- Work with the mobile GSM network by means of DT-GSM

INTRUSION ALARM INTERGRATED

Available by 2014.Q2

- Alarm system can be integrated in the video door phone service
- 4 wired zones and 16 wireless zones supported
- Siren or strobe light activation
- Alarm signal is transferred to Montior, GSM or Guard Station

2 Wire System Application

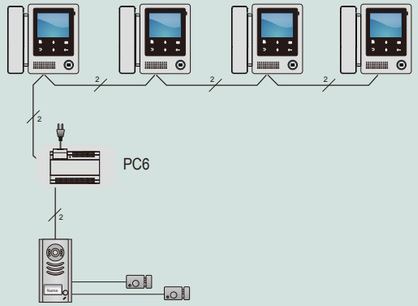


Cable and Distance

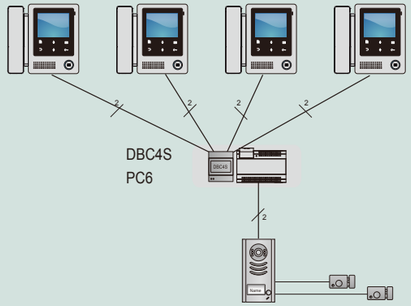
Cable	A(m)	B(m) ≤2 IM	B(m) ≤16 IM
CAT5 Cable (Combined)	40	80	——
Pair Cable (Parallel) 2X0.75 mm²	30	50	——
Twisted Cable 2X0.75 mm2	60	100	40
Twisted Cable 2X1.0 mm²	80	120	60

Extending Monitors(up to 16)

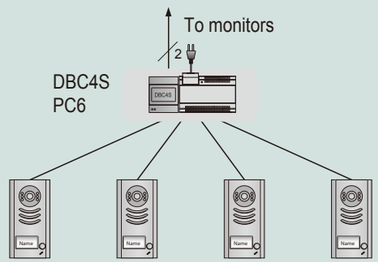
In-Out topology:

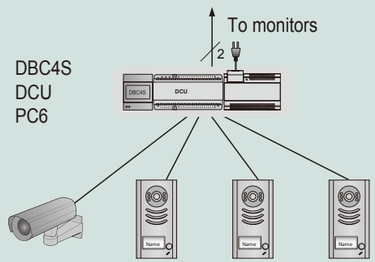


Star topology:

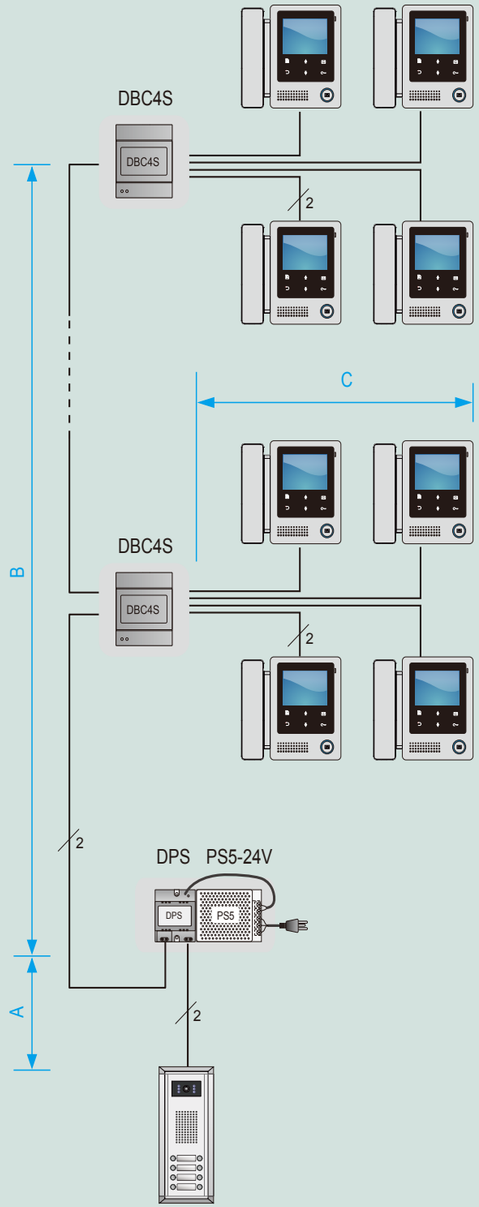


Extending Door/CCTV Cameras





Connection Diagram



Cable and Distance

The maximum distance of the wiring is limited in the DT system. Using different cables may also effect the maximum distance of the system can reach.

When Monitor Quantity < 20

Cable Usage	A	B	C
Twisted cable 2x0.75mm²	60	60	30
Twisted cable 2x1 mm²	80	80	40

When Monitor Quantity > 20

Cable Usage	A	B	C
Twisted cable 2x1 mm²	70	30	20
Twisted cable 2x1.5 mm²	70	50	30

Cables should be non-shielded! And the twisted cables are recommended, if non-twisted cable is used, the total distance will remain only to half.

2 Wire System Product List

01

02

03

04

05

06

07

08

09

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Already nowadays 2-easy indoor monitor has been easier to use and flexible for installation solutions. As standardized,they are compatible for all outdoor stations in 2-wire system. As advanced, they fullfills the desire for extending the function concepts,such as telephone divert,CCTV camera connection,picture sharing,alarm function etc.

	Description
01	Monitor DT27/TD7(White) 7 inch digital color TFT screen monitor with touch screen operation & white housing, OSD menu Monitor DT27SD/TD7(White) 7 inch digital color TFT screen monitor with touch screen operation & picture memory & white housing, color icon menu
02	Monitor DT27/TD7(Black) 7 inch digital color TFT screen monitor with touch screen operation & black housing, OSD menu Monitor DT27SD/TD7(Black) 7 inch digital color TFT screen monitor with touch screen operation & picture memory & black housing, color icon menu
03	Monitor DT47/TD7 7 inch digital color TFT screen monitor with capacitive touch screen operation & black housing, color icon menu
04	Monitor DT37/TD7 7 inch digital color TFT screen monitor with touch screen operation,color icon menu
05	Monitor DT21SD/TD10 10 inch digital color TFT screen monitor with touch screen operation&picture memory,color icon menu
06	Monitor DT16/D3 3.5 inch digital color TFT screen monitor with white housing, text menu
07	Monitor DT16/D3/AL 3.5 inch digital color TFT screen monitor with aluminum front panel, text menu
08	Monitor DT25/D4 4 inch digital color TFT screen monitor, text menu
09	Monitor DT24/D4 4 inch digital color TFT screen handset monitor, touch sensor button operation, text menu
10	Monitor DT39/D4 3.9 inch digital color TFT screen handfree monitor, touch sensor button operation, text menu

2 Wire System Product List

01

02

03

04

10

11

05

06

07

08

09

12

13

14

Today all outdoor stations are increasingly available for easy installation on all villas and small buildings either for surface mounting or flush mounting. With high protection against unauthorised access to get much greater comfort and safety. This ensures that only pleasant surprises gain access to your home.

	Description
01	Door Station DT591/C/RH Sharp color CCD outdoor station with rainy cover, zinc alloy panel, white led light
02	Door Station DT592/C/RH Sharp color CCD outdoor station with rainy cover(two buttons), zinc alloy panel, white led light
03	Door Station DT594/C Sharp color CCD outdoor station with plexiglass panel
04	Door Station DT595A Audio outdoor station, zinc alloy housing
05	Door Station DT596SF/KP Color CCD outdoor station by flush mounting (keypad access version), stainless steel panel
06	Door Station DT596SF/ID Color CCD outdoor station by flush mounting (proximity access version)
07	Door Station DT597/C Color outdoor station, medical S316 stainless steel panel, high resolution ARS-105° camera, adjustable visual angle
08	Door Station DT601/KP Color ARS outdoor station with rain cover (keypad access version), stainless steel panel
09	Door Station DT601/ID Color ARS outdoor station with rain cover(proximity access version), stainless steel panel
10	Door Station DMR12/ID/S4 Color CCD outdoor station with proximity access control (4 buttons), high resolution ARS-105° camera
11	Door Station DMR12/D16 Color CCD outdoor station(16 buttons), high resolution ARS-105° camera
12	Door Station DMR11/S4 Color CCD outdoor station(4 buttons), high resolution ARS-105° camera,aluminum panel
13	Door Station DMR11/ID/S4 Color CCD outdoor station with proximity access control (4 buttons), high resolution ARS-105° camera,aluminum panel
14	Door Station DMR18/ID/RH Color outdoor station with TFT screen display & ID proximity access & rainy cover

2 Wire System Product List

01

02

03

04

05

06

07

08

09

10

11

12

13

14

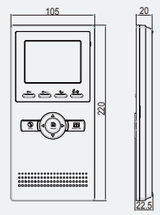
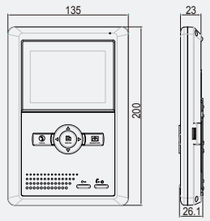
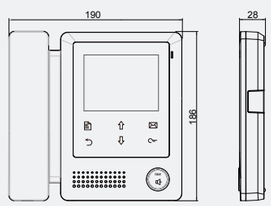
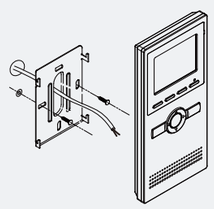
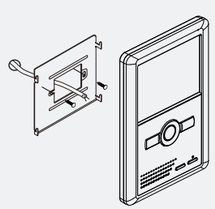
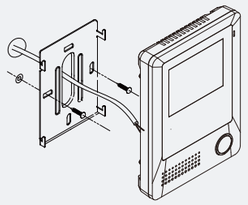
15

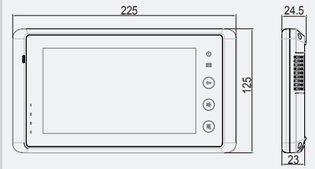
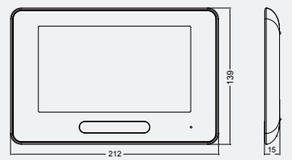
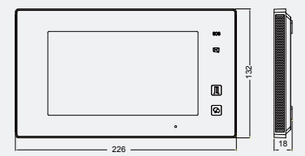
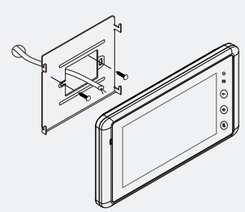
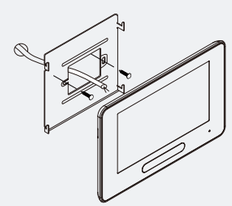
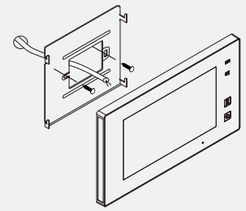
More and more accessories are designed for stronger extending solutions. Like telephone GSM function,DVR output,picture memory sharing ,CCTV camera connecting and so on.

Description	
01	Power Combo PC6 Power combo unit, 26V 2A DC outputs
02	Power Supply PS5-24V Power supply with din rail, 24V DC outputs
03	IP Gateway DT-IPC IP gateway converter(DT)
04	Telephone Interface DT-TPC Telephone interface converter(DT)
05	Camera controller DT-SC6 2 wire camera controller,2 imputs(DT)
06	Power Supply PS4-24V(STD) Power supply, 24V 1A DC output, din rail mounting
07	Distributor DT-DBC Branch controller
08	Distributor DT-DBC4S 4 outputs/imputs branch controller
09	Power Separator DT-DPS Power separator
10	2-wire Camera DT-CAM Sony 1/3 inch CCD camera with bracket, infrared led, 20 meters
11	Camera Interface DT-DCU CCTV camera control unit, 2 imputs
12	Desk Bracket DB1-B(Black) Desktop Bracket White desktop bracket optional.
13	Handset Audio Phone DT-DJ4S Handset audio phone with touch sensor button
14	Video recorder DT-SC6V Public video recorder with micro SD card(DT)
15	GSM interface DT-TPS GSM & telephone interface converter(DT)

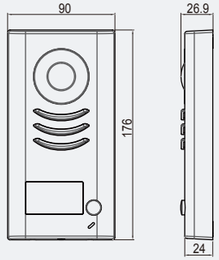
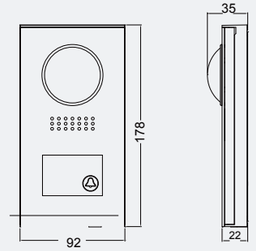
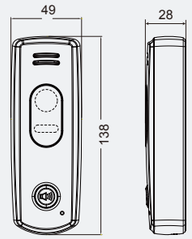
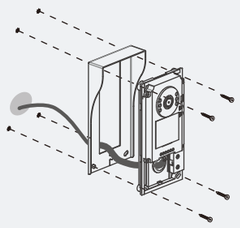
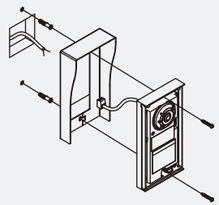
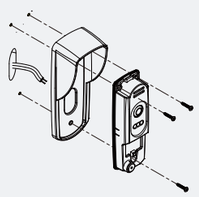
Appendix. Technical Information

Indoor Monitors

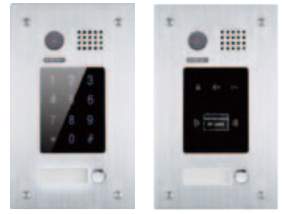
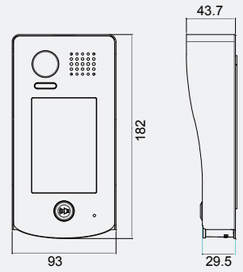
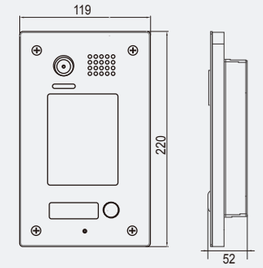
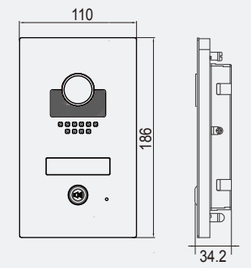
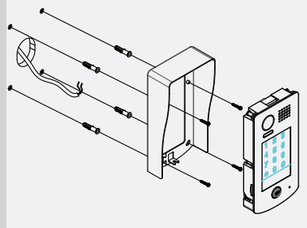
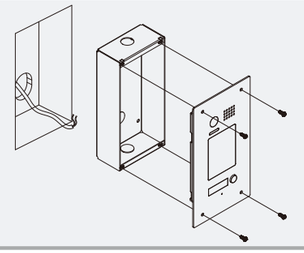
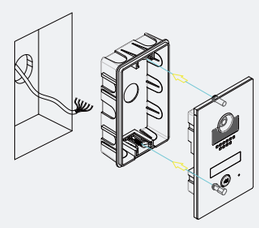
Picture							
Applied System	2-Wire	CAT-5	2-Wire	CAT-5	2-Wire	4-Wire	CAT-5
Model	DT16	AT16	DT25	AT25	DT24	VT24	AT24
Dimension	220(H)×105(W)×20(D)mm		200(H)×135(W)×23(D)mm		186(H)×190(W)×36(D)mm		
Package	249(H)×113(W)×37(D)mm		163(H)×240(W)×40(D)mm		193(H)×226(W)×45(D)mm		
Screen	3.5” color TFT		4” color TFT		4” color TFT		
Resolution	320 x 240 pixels		320 x 240 pixels		320 x 240 pixels		
Memory	—		—		—		
SD Card	—		—		—		
Installation	Surface mounting		Surface mounting		Surface mounting		
Two Views							
Mounting							

Picture						
Applied System	2-Wire	4-Wire	CAT-5	2-Wire	2-Wire	CAT-5
Model	DT27	VT27	AT27	DT37	DT47	AT47
Dimension	125(H)×225(W)×23(D)mm			139(H)×212(W)×15(D)mm	131(H)×225(W)×18(D)mm	
Package	163(H)×242(W)×38(D)mm			163(H)×242(W)×38(D)mm	163(H)×242(W)×38(D)mm	
Screen	7” color TFT			7” color TFT	7” color TFT	
Resolution	800 x 480 pixels			800 x 480 pixels	800 x 480 pixels	
Memory	128MB			—	—	
SD Card	2G,4G,8G,16G			—	—	
Installation	Surface mounting			Surface mounting	Surface mounting	
Two Views						
Mounting						

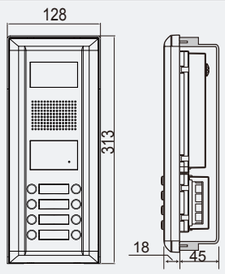
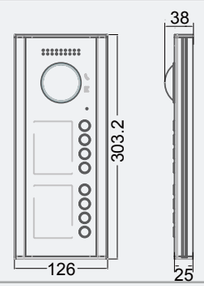
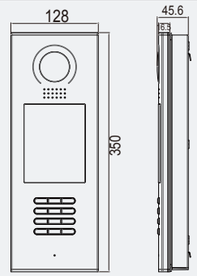
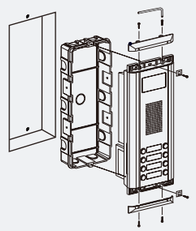
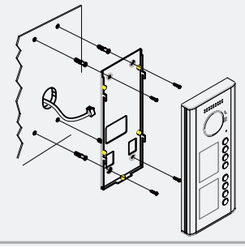
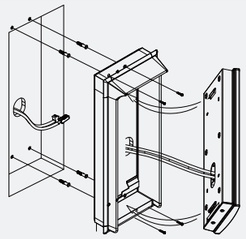
Door Stations

Picture					
Applied System	2-Wire	4-Wire	2-Wire	2-Wire	4-Wire
Model	DT591/2	VT591/2	DT594	DT595A	VT595
Dimension	176(H)×90(W)×24(D)mm		178(H)×92(W)×22(D)mm	138(H)×49(W)×28(D)mm	
Package	202(H)×100(W)×60(D)mm		202(H)×100(W)×60(D)mm	155 (H)×100(W)×62(D)mm	
Camera	Color CCD		Color ARS	Color ARS	
Resolution	420 TV Lines		420 TV Lines	420 TV Lines	
Panel	Zinc alloy		PMMC/Stainless steel	Zinc alloy	
Waterproof	IP45		IP44	IP55	
Installation	Surface mounting		Surface mounting	Surface mounting	
Two Views					
Mounting					

Door Stations

Picture				
Applied System	2-Wire	2-Wire	2-Wire	4-Wire	2-Wire
Model	DT601KP	DT601ID	DT596SF	VT596F	DT597
Dimension	182(H)×93(W)×44(D)mm		220(H)×119(W)×52(D)mm		188(H)×110(W)×34(D)mm
Package	202(H)×100(W)×60(D)mm		163(H)×242(W)×38(D)mm		163(H)×242(W)×38(D)mm
Camera	Color ARS		Color CCD		Color ARS
Resolution	420 TV Lines		420 TV Lines		420 TV Lines
Panel	Stainless steel		Stainless steel		Stainless steel(S316)
Waterproof	IP65		IP45		IP45
Installation	Surface mounting		Flush mounting		Flush or Surface mounting
Two Views					
Mounting					

Door Stations

Picture					
Applied System	2-Wire	CAT-5	2-Wire	2-Wire	CAT-5
Model	DMR11	MR11	DMR12	DMR18	MR18
Dimension	313(H)×128(W)×63(D)mm		303(H)×126(W)×25(D)mm	350(H)×128(W)×46(D)mm	
Package	365(H)×145(W)×75(D)mm		365(H)×145(W)×75(D)mm	365(H)×145(W)×75(D)mm	
Camera	Color ARS		Color ARS	Color ARS	
Resolution	420 TV Lines		420 TV Lines	420 TV Lines	
Panel	Aluminum alloy		Aluminum alloy	Aluminum alloy	
Waterproof	IP45		IP44	IP55	
Installation	Flush or Surface mounting		Flush or Surface mounting	Flush or Surface mounting	
Two Views					
Mounting					

Notes